



DIALOG(R) File 351:Derwent WPI
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008166404

WPI Acc No: 1990-053405/199008

Monoclonal antibody - specifically binds to streptomyces subtilisin inhibitor, used as antigen

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000495	A	19900105	JP 88326195	A	19881226	199008 B

Priority Applications (No Type Date): JP 87327383 A 19871225; JP 88326195 A 19881226

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000495	A		11		

Abstract (Basic): JP 2000495 A

The monoclonal antibody specifically binds to streptomyces subtilisin inhibitor. The antibody is produced using the modified streptomyces subtilisin inhibitor as antigen. The antibody is produced by immunizing an animal by using the modified streptomyces subtilisin inhibitor as antigen. The streptomyces subtilisin inhibitor in a sample is measured using the antibody.

USE/ADVANTAGE - The monoclonal antibody is used as a reagent for measuring the streptomyces subtilisin inhibitor. Provides the streptomyces subtilisin inhibitor with increased antigen immunity. The result produces many monoclonal antibodies as compared with natural streptomyces subtilisin inhibitors. The use of the monoclonal antibody measures the streptomyces subtilisin inhibitor in a sample at high sensitivity even at low concn. region, e.g. 1-320 ng/ml. The measuring method is simple and measures many analytes in a short time as compared with a conventional method using subtilisin activity inhibition.

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Derwent Class: B04; D16

International Patent Class (Additional): A61K-039/39; C12N-005/16; C12N-015/06; C12P-021/08; C12R-001/91